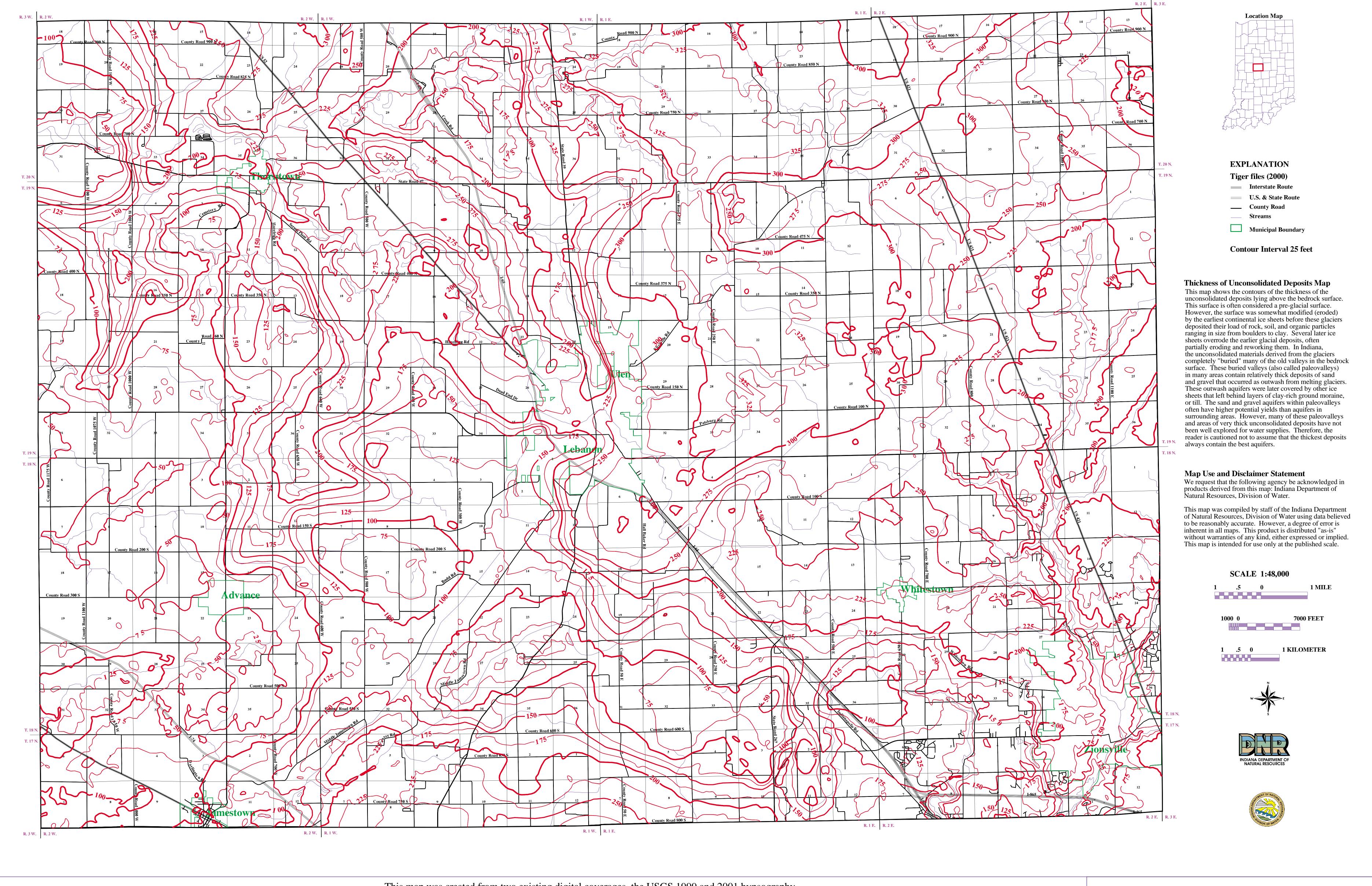
THICKNESS OF UNCONSOLIDATED DEPOSITS OF BOONE COUNTY, INDIANA



This map was created from two existing digital coverages, the USGS 1999 and 2001 hypsography (land surface contours) and the bedrock-surface topography of Boone County (Grove, Herring, and Thompson, 2002). Both maps were developed at a scale of 1:24,000. The two coverages were converted into ArcInfo Triangulated Irregular Networks (TIN), a product of ESRI. These TINs were then converted into 10-meter grids and the latter subtracted from the former to produce the unconsolidated thickness grid. The resulting grid was then filtered using a low pass filter with 25 iterations to produce smoother lines when contoured. Then the grid was contoured in ArcInfo using lattice contour with a 25-foot interval.

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by
Glenn E. Grove
Division of Water, Ground Water Section

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